



DORKING AND HORLEY
RURAL DISTRICT.

-----oOo-----

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for the year

1944.

-----oOo-----

Municipal Offices Annexe,
14, Waterloo Road,
EPSOM.

To the Chairman and Members of the Finance and
General Purposes Committee of the Dorking & Horley
Rural District Council.

Ladies and Gentlemen,

I have the honour to submit an Annual Report on the work of my department for the year 1944. It is in the abbreviated form rendered necessary by war-time requirements. It covers a period during which I was absent from duty on account of illness, when the work attaching to the office of Medical Officer of Health was undertaken by deputy Medical Officers, by Dr. J.A.A. Duncan until June 1944, and subsequently by Dr. A.H. Gerrard. I take the opportunity to add to the tribute already paid by the Council, for the efficient and conscientious way in which Dr. Gerrard carried out his temporary duties.

The Report includes extracts from the Annual Report of the Chief Sanitary Inspector, under whose direct supervision much of the work of the department is performed.

I am, Ladies and Gentlemen,
Your obedient Servant,

CYRUS IVE.

Medical Officer of Health.

DORKING AND HORLEY RURAL
DISTRICT COUNCIL.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health:
Cyrus Ive, M.B., B.S. (Lond), M.R.C.S. (Eng), L.R.C.P. (Lond),
D.P.H.
(Absent on sick leave 1st Jan. 1944 - 31st Dec. 1944).

Temporary Medical Officers of Health:
John A.A. Duncan, L.R.C.P., L.R.C.S., (Edin),
L.R.F.P.S. (Glas), D.P.H. (Lond) (Resigned 3/6/44)

A.H. Gerrard, M.D., M.R.C.P., M.R.C.S., D.P.H.
(Commenced 4/6/1944)

Chief Sanitary Inspector:
+ F. E. Traviss, M.R.San.I.

Sanitary Inspectors:
G. Sawyer, A.M.Inst.M. & Cy.E., A.R.San.I.
T.H. Lee, A.R.San.I.

Clerical Staff.

C. H. Argent.

Ø P. Hunt Miss N. Hearn.
Clerical Assistants to Medical Officer of Health.

Mrs. Snelling and Mrs. Brown.
Clerical Assistants to Sanitary Inspector.

(The Medical Officer of Health and his Clerical Assistants act in a similar capacity for the Borough of Epsom and Ewell, and the Dorking and Leatherhead Urban Districts).

+ Also Surveyor for new
buildings and Sewage Works.
Ø H.M. Forces 1.9.1939.
(Killed in action 10.4.1944)

DORKING AND HORLEY RURAL DISTRICT
COUNCIL.

1. Statistics and Social conditions for the Area.

Area (Acres)	..	..	..	..	53,718
Population (Census 1931).	..	..	..	..	18,485
Population (Estimated mid-year 1944)	..	..	..	..	22,610

Extracts from Vital Statistics for the year.

Live Births

	Total	M.	F.	
Total live births	436	222	214	} Birth Rate per 1,000 of the estimated resident population 19.28.
Legitimate.	385	196	189	
Illegitimate.	51	26	25	

Still Births

	Total	M.	F.	
Total still births	8	7	1	} Rate per 1,000 total live and still births .. 18.02
Legitimate.	7	6	1	
Illegitimate.	1	1	-	

Deaths (net)	275	126	149	Crude death rate .. 12.2
--------------	-----	-----	-----	-----------------------------

Deaths of infants under 1 year of age:-

	Total	M.	F.
Total infant deaths	12	4	8 ^B
Legitimate.	10	3	7
Illegitimate.	2	1	1

Death rate of all infants per 1,000 live births .. 27.5

Death rate of Legitimate infants per 1,000
legitimate live births .. 26.0

Death rate of Illegitimate infants per 1,000
illegitimate live births .. 39.2

Deaths from Puerperal Causes:-

	<u>Deaths.</u>	<u>Rate per 1,000 total (live and still)births.</u>
Puerperal Sepsis.	Nil	0.00
Other Puerperal Causes	1	2.25

Deaths from:-

Measles (all ages)	..	.. Nil
Whooping Cough (all ages)	..	.. Nil
Diarrhoea (under two years of age)	..	.. Nil
Cancer (all ages)	..	.. 55

2. General Provisions of Health Services for the Area.

No alterations of note have occurred during the year.

Laboratory Facilities.

During the year the number of laboratory examinations made was as follows:-

For the diagnosis of	Diphtheria.	108
" " "	" Tuberculosis.	15
" " "	" Enteric Fever.	21
" " "	" Haemolytic	
	Streptococci.	26
		<u>170</u>

3. Sanitary Circumstances of the Area.

No alterations of note have occurred during the year.

(i) Water.

Four samples of water were taken by the East Surrey Water Company, all of which proved to be satisfactory and suitable for drinking and domestic purposes.

(ii) Drainage and Sewerage.

During the year two thousand two hundred and thirty cesspools were cleansed.

Refuse disposed of in conjunction with the Reigate Borough Council amounted to 1,082 tons. 10 cwts.

4. Sanitary Inspection of the Area.

I am indebted to Mr. F.E. Traviss, Chief Sanitary Inspector, for the following details of the work of his department during the year:-

(i) Dwelling-houses.

During the year eighty-three dwelling-houses were inspected, after which thirty-four preliminary notices were served, of which thirty were complied with.

(ii) Bakehouses, Factories and Workshops.

There are one hundred and sixty-one bakehouses, factories and workshops on the Register. During the year two hundred and two inspections including re-inspections were carried out on these premises and the following defects found and remedied:-

	<u>Found.</u>	<u>Remedied.</u>
Defects found in Factories, Workshops and Workplaces.	2	2
Insufficient Sanitary Accommodation.	4	4



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29165209>

5. Inspection and Supervision of Food.

(i) Milk.

Cowkeepers and Dairymen etc. ..	230
Registered Retailers.	107

During the year four hundred and thirty-two routine inspections were carried out, as a result of which five cowsheds were paved and drained, and fourteen lime-washed after notice.

There are forty-two Milk producers licensed by the Surrey County Council for the production of Tuberculin Tested Milk and ninety-one for the production of Accredited Milk.

(ii) Condemned Food.

The following foods were inspected at shops and food stores and found to be unfit for human consumption:-

Rolled Oats. ..	2 cwt. 2 qrs.	10 lbs.
Beans. ..		59 lbs.
Cake. ..		120 lbs.
Dried Eggs. ..	1 cwt. 1 qr.	10 lbs.
Mustard. ..		27 lbs.
Spaghetti. ..	1 cwt. -	-
Oranges. ..		34 lbs.
Lemons. ..		75 lbs.
Lemonade Powder... ..		28 lbs.
Pickles. ..		45 jars.
Fruit. ..		29 lbs.
Rice. ..		51 lbs.
Cooked Ham. ..		93 lbs.
Flour. ..	1 cwt. -	-
Bacon. ..		50 lbs.
Cheese. ..		9 lbs.
Sausages. ..		125 $\frac{1}{2}$ lbs.
Potatoes. ..	1 cwt. -	-
Sweets. ..		17 $\frac{1}{2}$ lbs.
Jam. ..		12 $\frac{1}{2}$ lbs.
Tea. ..		5 $\frac{1}{2}$ lbs.
Fish. ..		12 stone.
Pork Pies. ..	1 cwt. 2 qrs.	10 lbs.
Coffee. ..		2 bottles.
Eggs. ..		596
Canned Goods (various)		5,784
Pilchards. ..		120 tins
Corned Beef. ..		64 $\frac{1}{2}$ "
Chopped Ham. ..		6 $\frac{1}{2}$ lbs.
Evaporated Milk... ..		2,634 tins.
Bovril. ..		2 jars.

ADULTERATION OF FOODS, ETC.

The Surrey County Council are the authorities for the administration of the Food and Drugs (Adulteration) Act. I am indebted to the County Medical Officer of Health for the information that sixty-two of milk and fifteen of other articles were analysed during the year. Evidence of adulteration or deterioration was found in fourteen samples.

PREVALENCE OF, AND CONTROL OVER,
INFECTIOUS DISEASE.

NOTIFIABLE INFECTIOUS DISEASE.

The incidence of various infectious diseases is shown in tabular form in Table III. Cases have been classified according to age groups and information is also therein given of the number of cases treated in Fever Hospitals. Table IV. sets out the number of various infectious diseases notified in each Parish during the year 1944.

SMALLPOX. No case of smallpox was notified during the period under review. No primary vaccination or re-vaccination was performed by the Medical Officer of Health under the Public Health (Prevention of Smallpox) Regulations, 1917.

SCARLET FEVER. A slight decrease was shown in the incidence of this disease, when forty-eight cases were notified as against fifty-nine for the year 1943. Of this number forty were admitted to isolation hospital for treatment. The remaining eight cases were allowed to be home nursed after home and nursing facilities were found to be satisfactory, this being equivalent to approximately 16% of the total cases notified. This gives a case-rate per thousand population of 2.12 against the rate of 2.40 for England and Wales.

DIPHTHERIA. Three cases of Diphtheria were notified during the year and admitted to isolation hospital for treatment. This gives a case-rate per thousand population of 0.13 as compared with 0.58 for England and Wales.

In addition, five other patients were admitted to isolation hospital for treatment, three being discharged as Diphtheria Carriers, and in the other two cases the diagnosis was not confirmed.

DIPHTHERIA IMMUNISATION. During the year two hundred and eighty-two children received treatment under the Council's scheme and by Private Practitioners. Of these, one hundred and forty-six were under the age of 5 years, and one hundred and thirty-six were aged between 5 and 15 years.

The position shown at the end of the year 1944 is as follows:-

	<u>Under 5 yrs.</u>	<u>Over 5 yrs but under 15 years.</u>
Estimated Population.	1,743	3,434
Number completed treatment.	920 (52.8%)	2,354 (68.5%)

The above figures do not give the exact position owing to the fact that the majority of children do not commence treatment until they have reached their first birthday.

By excluding the year old age group from the calculation the following figures are obtained:-

	<u>Over 1 yr but under 5 years.</u>	<u>Over 5 years but under 15 yrs.</u>
Estimated Population	1,395	3,434
Number completed treatment.	920 (66%).	2,354 (68.5%)

DYSENTERY. There was a considerable increase in the incidence of this disease during the year 1944, when twenty-three cases were notified. Of this number twenty-one cases were admitted from a war nursery that had been evacuated into the district.

TUBERCULOSIS.

Particulars of new cases of tuberculosis which came to the notice of the Medical Officer of Health during the year are set out in Table V, together with an analysis of the deaths in the area from the disease during the same period. The new cases include, in addition to those officially notified, eight patients who came into the district from other districts in which they had already been notified, and one person who died from tuberculosis without previous notification.

Seven deaths from pulmonary tuberculosis were recorded, representing an annual death rate of 0.31 per thousand population. Two deaths were caused by non-pulmonary tuberculosis, representing a death rate of 0.09 per thousand population. The two combined give a total death rate for the district of 0.40 per thousand population, against the rate of 0.62 for England and Wales.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations 1925, nor under Section 172 of the Public Health Act 1936.

SCABIES.

During the year sixty-eight patients received treatment for scabies infection. Fifty-one being treated at the clinic held at the First Aid Post, "The Arches", Horley, and seventeen at the Dorking County Hospital.

TABLE I.
COMPARATIVE BIRTH, DEATH AND INFANT MORTALITY RATES.

Period.	Average Annual Birth Rate per 1,000 living.		Average Annual Crude Death Rate per 1,000.		Average Annual Infant Mortality Rate ⁰	
	England & Wales.	Dorking & Horley.	England & Wales.	Dorking & Horley.	England & Wales.	Dorking & Horley.
1933	14.4	13.4	12.3	12.2	64	25.9
1934	14.8	14.7	11.8	12.2 (10.7)	59	66.2
1935	14.7	14.2	11.7	11.3 (9.9)	57	32.9
1936	14.8	14.2	12.1	12.6 (11.1)	59	52.6
1937	14.9	13.6	12.4	11.8 (10.4)	58	32.4
1938	15.1	14.7	11.6	11.1 (9.7)	53	49.7
1939	15.0	13.8	12.1	12.4 (10.8)	50	57.4
1940	14.6	13.4	14.3	12.3 (11.4)	55	50.2
1941	14.2	14.1	12.9	11.9	59	46.0
1942	15.8	18.5	11.6	12.9	49	55.1
1943	16.5	17.5	12.1	12.6	49	34.3
1944	17.6	19.28	11.6	12.2	46	27.5

⁰ i.e. Deaths of Children under the age of one year per 1,000 Births.
The death rate figures in parentheses have been adjusted by the "areal comparability factor".

TABLE II.
CAUSES OF DEATH IN THE
DORKING AND HORLEY RURAL DISTRICT.

Causes of Death.			M.	F.	Total
1.	Typhoid and Paratyphoid Fevers	..	-	-	-
2.	Cerebro-spinal Fever	..	-	-	-
3.	Scarlet Fever	..	-	-	-
4.	Whooping Cough	..	-	-	-
5.	Diphtheria	..	-	-	-
6.	Tuberculosis of Respiratory System.	..	3	4	7
7.	Other forms of Tuberculosis	..	1	1	2
8.	Syphilitic Disease	..	1	-	1
9.	Influenza	..	3	1	4
10.	Measles	..	-	-	-
11.	Acute Poliomyelitis and Polioencephalitis	..	-	-	-
12.	Acute Infectious Encephalitis	..	-	-	-
13.m.	Cancer of Buccal Cavity and Oesophagus (males)	..	2	-	2
13.f.	Cancer of Uterus..	..	-	-	-
14.	Cancer of Stomach and Duodenum	..	3	9	12
15.	Cancer of Breast.	..	-	8	8
16.	Cancer of all other Sites..	..	19	14	33
17.	Diabetes	..	-	-	-
18.	Intra-cranial Vascular Lesions	..	13	21	34
19.	Heart Disease	..	34	42	76
20.	Other Diseases of the Circulatory System	..	5	3	8
21.	Bronchitis	..	9	6	15
22.	Pneumonia.	..	7	7	14
23.	Other Respiratory Diseases.	..	1	1	2
24.	Ulceration of the Stomach or Duodenum	..	2	2	4
25.	Diarrhoea (under 2 years of age)	..	-	-	-
26.	Appendicitis	..	-	-	-
27.	Other Digestive Diseases	..	2	3	5
28.	Nephritis	..	2	4	6
29.	Puerperal and Post-abortion Sepsis.	..	-	-	-
30.	Other Maternal Causes	..	-	1	1
31.	Premature Birth	..	1	2	3
32.	Congenital Malformations, Birth Injury, Infantile Disease	..	3	1	4
33.	Suicide.	..	1	2	3
34.	Road Traffic Accidents	..	2	2	4
35.	Other Violent Causes	..	5	4	9
36.	All Other Causes..	..	7	11	18
			126	149	275

TABLE III.

Disease.	Cases Notified.												cases admitted to Isolation Hospital.	
	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over		at all ages
Smallpox.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever.	-	1	1	4	2	25	8	6	-	1	-	-	48	40
Diphtheria.	-	-	-	-	-	2	-	1	-	-	-	-	3	3
Puerperal Pyrexia.	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Pneumonia.	2	1	-	1	-	-	-	-	3	-	4	4	15	-
Dysentery.	-	2	6	7	4	-	-	1	3	-	-	-	23	-
Cerebro-spinal Meningitis.	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Erysipelas.	-	-	-	-	-	-	-	-	-	1	1	-	2	-
Measles.	-	1	3	2	3	12	5	-	-	-	-	-	26	-
Whooping Cough.	7	9	10	12	8	34	4	-	2	-	1	-	87	-
	10	14	20	26	17	73	17	9	8	2	6	4	206	43

TABLE IV.

DISEASE.	ABINGER.	BETCHWORTH.	BUCKLAND.	CAPEL.	CHARLWOOD.	HEADLEY.	HOLMWOOD.	HORLEY.	LEIGH.	NEWDIGATE.	OCKLEY.	WOTTON.	ENTIRE DISTRICT.
Scarlet Fever.	-	7	3	2	1	-	3	22	1	4	3	2	48
Diphtheria.	-	-	-	-	-	-	-	1	-	2	-	-	3
Pneumonia.	2	6	2	-	-	-	-	2	1	1	-	1	15
Erysipelas.	-	-	-	-	1	-	-	1	-	-	-	-	2
Cerebro-spinal Fever.	1	-	-	-	-	-	-	-	-	-	-	-	1
Dysentery.	2	-	-	-	-	-	-	-	21	-	-	-	23
Puerperal Pyrexia.	-	-	1	-	-	-	-	-	-	-	-	-	1
Whooping Cough.	6	12	-	2	15	2	4	41	2	3	-	-	87
Measles.	-	-	-	3	2	-	2	16	-	1	2	-	26
TOTALS.	11	25	6	7	19	2	9	83	25	11	5	3	206

TABLE V.

Age Period.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1.	-	-	-	-	-	-	-	-
1 - 5	-	-	1	-	-	-	1	-
5 - 10	-	-	1	4	-	-	-	-
10 - 15	-	-	2	-	-	-	-	-
15 - 20	-	-	1	-	-	-	-	-
20 - 25	-	1	1	1	-	-	-	-
25 - 35	6	5	-	-	-	-	-	-
35 - 45	4	2	-	-	2	2	-	-
45 - 55	-	1	-	-	-	1	-	-
55 - 65	2	1	-	-	1	-	-	-
65 and upwards	1	2	-	-	-	1	-	1
TOTALS.	13	12	6	5	3	4	1	1

TABLE VI.

Comparative crude birth rates, death rates, analysis of mortality, maternal death rates and case rates for certain infectious diseases in the year 1944:-

	England and Wales	126 County Boroughs and Great Towns including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County.	Dorking and Horley Rural District.
Births - Rates per 1,000 Population.					
Live ..	17.6	20.3	20.9	15.0	19.28
Still ..	0.50	0.64	0.61	0.42	0.35
Deaths -					
All Causes	11.6	13.7	12.4	15.7	12.2
Typhoid and Para typhoid Fevers	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.04	0.00
Diphtheria	0.02	0.03	0.03	0.01	0.00
Influenza	0.12	0.10	0.11	0.08	0.18
Smallpox	0.00	-	-	-	-
Measles	0.01	0.01	0.01	0.00	0.00
Notifications -					
Typhoid Fever	0.01	0.01	0.01	0.01	0.00
Paratyphoid "	0.01	0.00	0.01	0.01	0.00
Cerebrospinal Fever.	0.05	0.06	0.04	0.06	0.04
Scarlet Fever	2.40	2.41	2.67	1.57	2.12
Whooping Cough	2.49	2.49	2.29	2.90	3.85
Diphtheria	0.58	0.67	0.69	0.31	0.13
Erysipelas	0.29	0.32	0.28	0.37	0.09
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	4.16	4.51	3.94	2.98	1.15
Pneumonia	0.97	1.13	0.82	0.93	0.66
Deaths under 1 year of age Rates per 1,000 Live Births.					
	46	52	44	61	27.5
Deaths from Diarrhoea and Enteritis under 2 years of age	4.8	7.3	4.4	10.1	0.00
Maternal Mortality - Rates per 1,000 Total Births (i.e. Live and Still)					
(Excluding Abortion)					
Puerperal Sepsis	0.28	}	Not available	{	0.00
Others ..	1.25				2.25
Total ..	1.53				2.25
Notifications - Puerperal Pyrexia	10.34	13.13	9.25	14.14	2.25

